

**ABSTRACT**

An isolated circuit of low-voltage supply of a control circuit of a high-voltage load, in or upstream of a fullwave three-phase rectifying bridge, comprising a first low-voltage capacitor having a first electrode connected to one of the rectified output terminals of the bridge, and at least one second capacitor providing said low voltage, a first electrode of the second capacitor being connected to one of the A.C. input terminals of the bridge, the respective second electrodes of the capacitors being connected by a high-voltage diode having its cathode connected to the second capacitor.

5